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APPLICATION NO.	FI	LING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/890,588 11/21/2001		11/21/2001	Wilhelm Ardes	HHI-031US	HHI-031US 6532	
959	7590	02/20/2003				
LAHIVE &		TELD	EXAMINER			
28 STATE S BOSTON, M		•	SAVAGE, MATTHEW O			
				ART UNIT	PAPER NUMBER	
			,	1723	17	
				DATE MAILED: 02/20/2003	12	

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary Examiner		· · · · · · · · · · · · · · · · · · ·	Application No.	Applicant(s)				
Matthew O Savage		•	09/890,588	ARDES, WILHELM				
The MAILING DATE of this communication app ars on the cover sheet with the correspondence address—Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Edencino for many be available under the provisions of 3 CFR 1.136(i). In or event, however, may a reply be timely filled after \$30,000 (MONTHS from the mailing date of this communication. Edencino for many be available under the provisions of 3 CFR 1.136(ii). In or event, however, may a reply be timely filled after \$30,000 (MONTHS from the mailing date of this communication. Falsula to reply whithe the set or extended period for reply will, by datable, cause the application to become ABMOCHED (95 U.S.C. § 133). **samed patient term adjustment.** See 37 CFR 1.78(iii). **Parallel to reply whith the set or extended period for reply will, by datable, cause the application to become ABMOCHED (95 U.S.C. § 133). **samed patient term adjustment.** See 37 CFR 1.78(iii). **Status** 1) □ Responsive to communication(s) filled on **Op December 2002**. 2a) □ This action is FINAL. 2b) □ This action is non-final. 3) □ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. **Disposition of Claims** 4) □ Claim(s) **_Je is/are pending in the application. 4a) Of the above claim(s) **_Je is/are withdrawn from consideration. 5 □ Claim(s) **_Je is/are allowed. 6 □ Claim(s) **_Je is/are rejected. 7 □ Claim(s) **		Office Action Summary	Examiner	Art Unit				
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MALING DATE OF THIS COMMUNICATION. all of SIX (6) MONTHS from the malling date of this communication. If the period rowy is specified above, the manufacture statistics of the period of the pe		•	Matthew O Savage	1723				
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Catheristics for time may be available and the provision of 3°CPR 1.136(a). In no event, however, may a reply be timely filed Catheristics for reply apposition above is lies. his his (30 days, a reply within the stultury minimum of theiry (30) days will be considered timely. If the period for reply apposition down is lies. his his (30 days, a reply within the stultury minimum of theiry (30) days will be considered timely. If No period for reply apposition the replacement of the rep			ars on the cover sheet with the c	orrespondence address				
THE MAILING DATE OF THIS COMMUNICATION. Ederbinson from mybe available under the provided and 21 CPR 1.15(6). In no event, however, may a reply be timely filled after SX (6) MONTHS from the mailing date of this communication. 1 NO prodict from the mailing date of this communication. 1 NO prodict for reply is specified above, the maintain station prinded stay plant and staging its (6) MONTHS from the mailing date of this communication. Fallules to reply within the set or extended period for reply will, by station, cause the application to become ARANDONED (35 U.S. C. § 1313). Any reply received by the Citics describe the mailing date of this communication, even if timely filled, may reduce any Status. 1) Responsive to communication(s) filled on <u>09 December 2002</u> . 2a) This action is FINAL. 2b) This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the ments is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) <u>1-9</u> is/are pending in the application. 4a) Of the above claim(s) <u>3-9</u> is/are withdrawn from consideration. 5) Claim(s) <u>1-9</u> is/are allowed. 6) Claim(s) <u>1-9</u> is/are rejected. 7) Claim(s) <u>1-9</u> is/are rejected. 8) Claim(s) <u>1-9</u> are subject to restriction and/or election requirement. Application Papers 9) The proposed drawing correction filled on	• •							
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a) The translation of the foreign language provisional application has been received. 15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121. Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449) Paper No(s) 11 . 6) Other:	application from the International Bureau (PCT Rule 17.2(a)).							
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2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449) Paper No(s) 11 5) Notice of Informal Patent Application (PTO-152) 6) Other:								
	2) Notic	e of Draftsperson's Patent Drawing Review (PTO-948)	5) Notice of Informal I					

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Applicant's election with traverse of species 1 in Paper No. 11 is acknowledged. The traversal is on the ground(s) that a single search would suffice for all aspects of the invention. This is not found persuasive because the examination of two patently distinct species in a single application would essentially require two searches of the prior art and thereby imposing an undue burden upon the examiner.

The requirement is still deemed proper and is therefore made FINAL.

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 1-2 rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

On line 2 of claim 1, it is unclear as to what shape configuration "approximately tubular" implies. On line 3, "the interior' lacks antecedent basis. On lines 4-5, it is unclear as to how the central component can be "permanently retained" and "detachable" all at the same time.

Regarding claim 2, it is unclear as to what structure "interacting polygonal contours" implies.

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

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(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claim 1 is rejected under 35 U.S.C. 102(b) as being anticipated by Vokes.

With respect to claim 1, Vokes discloses a filter housing 8, 17, a central tubular component 3 which extends into the interior of the filter, the central component being disposable in an operating position by engaging a projection 15 on the filter housing and being permanently retained in the filter housing, the component being detachable from the projection in a disassembly position (e.g., by rotating 3 until the vertical portion of the slot is aligned with projection 15) in a disassembly position such that the component is non-destructively removable from the filter, wherein the component is mounted rotatably around a longitudinal axis in the filter housing, and a retaining component 6 arranged in a rotationally restrictive manner (e.g., by being frictionally and compressively engaged by parts 3, 5, and 7) within the filter housing, the retaining component being arranged to surround the central component by an interference fit (e.g., caused by compression of the packing 6) so as not to rotate in the operating position, the central component being rotatable into a disassembly position when the clamping force of the interference fit is exceeded.

Claim 2 would be allowable if rewritten to overcome the rejection(s) under 35 U.S.C. 112, second paragraph, set forth in this Office action and to include all of the limitations of the base claim and any intervening claims.

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The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Matthew O Savage whose telephone number is 703-308-3854. The examiner can normally be reached on Monday-Friday, 6:00am-2:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wanda W. Walker can be reached on 703-308-0457. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9310 for regular communications and 703-872-9311 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0661.

Matthew O Savage Primary Examiner Art Unit 1723

mos February 13, 2003